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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/736,027	12/15/2003	Todd L. Vercoe	TV1-003US	4155
29150	7590	11/10/2004	EXAMINER	
LEE & HAYES, PLLC 421 W. RIVERSIDE AVE, STE 500 SPOKANE, WA 99201			BARRETT, SUZANNE LALE DINO	
			ART UNIT	PAPER NUMBER

3676

DATE MAILED: 11/10/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

Application No.

10/736,027

Applicant(s)

VERCOE, TODD L.

Examiner

Suzanne Dino Barrett

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 17 August 2004.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 2-5 and 11-14 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 2-5 and 11-14 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- ☒ Notice of References Cited (PTO-892)
- ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_
- ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_
- ☐ Notice of Informal Patent Application (PTO-152)
- ☐ Other: \_\_\_\_\_

## DETAILED ACTION

### ***Claim Rejections - 35 USC § 103***

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claims 2-5, 11-14 are rejected under 35 U.S.C. 103(a) as being unpatentable over St. George 5,887,730 in view of van Staden et al 5,212,973.

St. George teaches in Fig. 4a a gun rack comprising a wall plate 113 mounted to the wall (112) and forming a channel therewith to receive a plate 111 having lock means 116 thereon and tapered key portions 1143 to receive the keyed tapered ends 1141 of a stock piece 114. The stock piece receives the stock and trigger portion of a gun 2 (Fig.

1). St. George further discloses the use of a barrel loop for the barrel of the gun. The method limitations of claims 12-14 are considered inherent to the use of the disclosed device. Van Staden et al teach a locking member 23 having a spiral curvature to encase a steering wheel rim. It would have been obvious to one of ordinary skill in the art to modify the locking member for the stock piece of St. George by changing the shape to a spiral helix curved piece as taught by van Staden et al to enhance the

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security of the lock device and prevent prying by presenting no entry point for a prying tool.

3. Claims 1,6-10,15-20 are further rejected under 35 U.S.C. 103(a) as being unpatentable over Hancock et al 5,078,279 in view of van Staden et al '973. Hancock et al teach a gun rack comprising a wall plate 11 with a channel 44 to slidably receive a plate 18 having keyways 29,30 which receive two key portions 31 of a stock piece which surrounds the stock of a gun. Van Staden et al teach a locking member 23 having a spiral curvature to encase a steering wheel rim. It would have been obvious to one of ordinary skill in the art to modify the locking member for the stock piece of St. George by changing the shape to a spiral helix curved piece as taught by van Staden et al to enhance the security of the lock device and prevent prying by presenting no entry point for a prying tool.

### ***Response to Arguments***

4. Applicant's arguments with respect to claims 2-5,11-14 have been considered but are moot in view of the new ground(s) of rejection. As set forth above, the newly cited references teach the use of a spiral shape for a locking hook member to enhance the security of the hook mount. Accordingly, claims 2-5,11-14 stand non-finally rejected.

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***Conclusion***


5. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Note, especially, the spiral locking members of Wu '691, Brady '001, Ta-Yung '158, Edmonson '315, Vito '757.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Suzanne Dino Barrett whose telephone number is 703-308-0825. The examiner can normally be reached on M-Th 8:30-7:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Tom Will can be reached on 703-308-3870. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only.

For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

  
Suzanne Dino Barrett  
Primary Examiner  
Art Unit 3676

sdb